Docket No.: 104385.145 PATENT/OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Guiyi ZHANG-SUN et al.

Serial No. 10/075,542

Filed: February 15, 2002

Group Art Unit: 1614

Examiner:

For: MATRIX STABILIZED ENZYME CRYSTALS AND METHODS OF USE

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

In accordance with 37 C.F.R. § 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search had been made or that information cited is, or is considered to be, material to patentability as defined in 37 C.F.R.§ 1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item, and Applicant reserves the right to prove that the date of publication is in fact different.

No fee is believed to be required, however, the Commissioner is authorized to charge any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

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Date: 21 August 2003

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

September 16, 1985

pages 432 - 438. 1986.

ATTY. DOCKET NO. 104385.145 SHEET 1 OF 1 SERIAL NO. 10/075,542

146.20

APPLICANT Guiyi ZHANG-SUN

FILING DATE GROUP February 15, 2002 1614

U.S. PATENT DOCUMENTS EXAMINER'S FILING INITIALS PATENT NO. DATE NAME CLASS SUBCLASS DATE 5.518 719 05/21/96 Blum 05/12/94 5.753.487 05/19/98 Eigtved et al. 12/12/95 FOREIGN PATENT DOCUMENTS PATENT NO DATE COUNTRY CLASS SUBCLASS INITIALS OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Quiocho, Florante A. and Frederic M. Richards, "The Enzymic Behavior of Carboxypeptidase-A in the Solid State", Biochemistry, Volume 5, No. 12, pages 4062 - 4076. December 1966. Hoskins, John A. et al., "Enzymatic Control of Phenylalanine Intake in Phenylketonuria", The Lancet, pages 392 - 395. February 23, 1980. Gilbert, Harry J. and George W. Jack, "The effect of proteinases of phenylalanine ammonia-lyase from the yeast Rhodotorula glutinis", Biochem, Volume 199, pages 715 - 723. 1981. Gilbert, Harry J. and Michael Tully, "Protection of Phenylalanine Ammonia-Lyase from Proteolytic Attack", Biochemical and Biophysical Research Communications, Volume 131, No. 2, pages 557 - 563.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Chem. Soc., Volume 114, pages 7314 - 7316. April 29, 1992.